



SAFETY DATA SHEET

This Safety Data Sheet complies with the Canadian Hazardous Products Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS), and the European Union Directives.

1 Product and Supplier Identification

- 1.1 **Product:** Gel Play Pearlescent Powders
- 1.2 **Product Use:** Nail Gel Powder
- 1.3 **Producer:** Haigh Industries Inc.
#5-8118 North Fraser Way
Burnaby BC Canada
V5J 0E5
Telephone: (604) 278-5851
- 1.4 **Supplier:** As above
- 1.5 **Emergencies (24-hour number):** +1(604) 278-5851

2 Hazards Identification

- 2.1 **Classification of product or mixture**
Note to reader: This product in an untested mixture and GHS classification is based on the classification of the ingredients and their concentrations. Proprietary ingredients do NOT exhibit any health effects not listed in this SDS.
- GHS Classification:** Not a hazardous substance or mixture.
- GHS Label Elements**
- Pictogram:** Not a hazardous substance or mixture.
- Signal Word:** Warning.
- GHS Hazard Statements:**
H333 May be harmful if inhaled.
- GHS Precautionary Statements:**
- Response:**
P304+P317 IF INHALED: Get emergency medical help.
- 2.2 **Hazards not otherwise classified (HNOC) or not covered by GHS:** None
- 2.3 **Additional Information**
Primary Routes of Entry:
Skin Contact: No

Gel Play Pearlescent Powders

Skin Absorption:	No
Eye Contact:	No
Ingestion:	No
Inhalation:	Yes

Emergency Overview: This nail gel powder contains ingredients which are suspected of causing cancer, only by inhalation. Ensure this product is used as directed and is not used in a way to cause airborne particulate to be inhaled. This product contains ingredients which may cause mild eye and skin irritation in some people. For eye contact, symptoms may include a moderate burning sensation due to mechanical abrasion. Some tearing may occur. Contact with skin may cause minor irritation.

Effects of Short Term (Acute) Exposure:

Inhalation: Inhalation of powder dust may cause mild irritation of the respiratory tract. When used as directed of using respiratory protection as a precaution, no health effects are expected.

Skin Contact: This is a powder containing a number of fine ingredients. Some may experience mild skin itching or irritation.

Eye Contact: This product is an eye irritant only by mechanical abrasion. Irritation will cause tearing until particulate is removed.

Ingestion: No adverse health effects are expected if a small amount of this product is accidentally ingested.

Effects of Long-Term (Chronic) Exposure: Titanium Dioxide is suspected of causing cancer through inhalation.

Medical Conditions Aggravated by Exposure: Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

3 Composition

3.1 Mixture Composition

Pearlescent Gold Powder contains the following:

Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
Synthetic Fluorophlogopite	12003-38-2	234-426-5	60-65	None assigned
Iron Oxide – CI 77491	1309-37-1	215-168-2	35-40	None assigned

Pearlescent Copper Powder Contains the following:

Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
Mica - CI 77019	12003-38-2	234-426-5	60-65	None assigned
Iron Oxide – CI 77491	1309-37-1	215-168-2	35-40	None assigned

Pearlescent Silver Powder contains the following:

Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
Calcium Aluminum Borosilicate	65977-17-3	265-046-0	70-75	None assigned
Silica	7631-86-9	231-545-4	15-20	None assigned
Titanium Dioxide – CI 77891	13463-67-7	236-675-5	8-12	Carcinogenicity (Category 2): H351
Tin Oxide	18282-10-10	242-159-0	0.1-1	None assigned

Pearlescent Amethyst, Emerald and Sapphire contain the following:

Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
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Gel Play Pearlescent Powders

Synthetic Fluorphlogopite	12003-38-2	234-426-5	20-60	None assigned
Titanium Dioxide – CI 77891	13463-67-7	236-675-5	40-70	Carcinogenicity (Category 2): H351
Tin Oxide	18282-10-10	242-159-0	0.1-1	None assigned
Component	CAS No.	EINECS No.	% (w/w)	GHS Classification
Synthetic Fluorphlogopite	12003-38-2	234-426-5	20-60	None assigned
Titanium Dioxide – CI 77891	13463-67-7	236-675-5	40-70	Carcinogenicity (Category 2): H351
Tin Oxide	18282-10-10	242-159-0	0.1-1	None assigned

4 First Aid Measures

4.1 Description of First Aid Measures

General Advice: Under recommended directions for use, no health effects are anticipated or expected.

In Case of Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for as long as it takes to remove the particulate from the eye. Obtain medical attention if irritation persists.

In Case of Skin Contact: Wash gently and thoroughly with water and non-abrasive soap for 2-5 minutes to remove the powder.

If Inhalation: It is important to prevent any inhalation of particulates. Remove source of contamination and or move victim to fresh air. Consult a physician.

If Ingestion: These powders are non-toxic in the small quantities provided. Ingestion is unlikely. Never give anything by mouth if victim is rapidly losing consciousness. Have victim rinse mouth thoroughly with water and dilute contents of stomach with 240-300 mL of water. Do not induce vomiting. If vomiting occurs naturally have victim lean forward to reduce risk of aspiration. If they feel unwell, seek medical attention.

4.2 Most Important Symptoms and Effects Acute and Delayed

Inhalation: Inhalation of powder dust may cause mild irritation of the respiratory tract. When used as directed or using respiratory protection as a precaution, no health effects are expected.

Skin Contact: This is a powder containing a number of fine ingredients. Some may experience mild skin itching or irritation.

Eye Contact: This product is an eye irritant only by mechanical abrasion. Irritation will cause tearing until particulate is removed.

Ingestion: No adverse health effects are expected if a small amount of this product is accidentally ingested.

Effects of Long-Term (Chronic) Exposure: Titanium Dioxide is suspected of causing cancer through inhalation.

Medical Conditions Aggravated by Exposure: Persons susceptible to skin problems may find that the use of this product will cause increased symptoms of existing skin problems.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

None.

5 Fire Fighting Measures

5.1 Extinguishing Media

Choose the fire extinguishing medium for existing fire. These products are not flammable.

5.2 Special Hazards Arising from Mixture

Gel Play Pearlescent Powders

None

5.3 Advice for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further Information

Sensitivity to Impact: No

Sensitivity to Static Discharge: No

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD INDEX:

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Respiratory Protection: In the case of a spill, cleanup may create airborne particulate. If there is any chance that the dusts from these powders is inhaled, proper respiratory protection is necessary. Use NIOSH approved N95 respirators properly fitted to prevent any dust from entering respiratory tract.

Skin Protection: Under recommended conditions of use, no skin protection is needed. If when handling these powders, any skin irritation occurs, use adequate skin protection to prevent further irritation.

Eye and Face Protection: Under recommended conditions of use, no eye protection is needed.

Footwear: No specific recommendation.

Other: Emergency eyes wash fountains should be available in vicinity of use. At minimum, an eye lavage kit should be kept on hand.

6.2 Environmental Precautions

These compounds are not injurious to the environment.

6.3 Methods and Materials for Containment and Cleanup

Remedial Measures: Wet the spill with water before attempting to clean up. This will significantly reduce the chance of dusting the powder.

Large Spills: These products are generally provided in small quantities.

Small Spills: After wetting spill, clean up used cloths. Wash the cloths thoroughly after cleaning the spilled powder.

6.4 Reference to Other Sections

For disposal, see section 13.

7 Handling and Storage

7.1 Precautions for Safe Handling

Handling Procedures: Always handle in a way to prevent the creating of airborne dusts.

7.2 Conditions for Safe Storage

Store in a dry place. Keep container tightly closed.

7.3 Specific End Use(s)

Gel Play Pearlescent Powders

No other uses except those mentioned in Section 1.2.

8 Exposure Controls and Personal Protection

8.1 Control Parameters

Components with Workplace Control Parameters:

Component	CAS No.	Value Type	Control Parameters/Permissible concentration	Basis
General threshold limit for dust	42945	TWA (total dust)	15 mg/m ³	OSHA Z-3
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-3
Synthetic Fluorophlogopite	12003-38-2	TWA	2.5 mg/m ³ (Fluorine)	OSHA Z-1
		TWA	2.5 mg/m ³ (Fluorine)	ACGIH
		TWA (respirable fraction)	1 mg/m ³ (Aluminum)	ACGIH
		TWA	2.5 mg/m ³ (Fluorine)	OSHA P0
Iron Oxide - 77491	1309-37-1	TWA (respirable fraction)	5 mg/m ³	ACGIH
		TWA (dust and fume)	5 mg/m ³	NIOSH REL
		TWA (fumes)	10 mg/m ³	OSHA Z-1
		TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (respirable fraction)	5 mg/m ³	OSHA Z-1
		TWA (fumes)	10 mg/m ³	OSHA P0
Silica	7631-86-9	TWA (dust)	80 mg/m ³ /SiO ₂ (Silica)	OSHA Z-3
		TWA	6 mg/m ³	NIOSH REL
Titanium Dioxide – CI 77891	13463-67-7	TWA (total dust)	15 mg/m ³	OSHA Z-1
		TWA (total dust)	10 mg/m ³	OSHA P0
		TWA	10 mg/m ³	ACGIH
Mica – CI 77019	12001-26-2	TWA (respirable particulate matter)	3 mg/m ³	ACGIH
		TWS (respirable)	3 mg/m ³	NIOSH REL
		TWA (respirable dust fraction)	3 mg/m ³	OSHA P0

8.2 Exposure Controls

Engineering Controls: when using indoors and if there is a possibility of dust creation, ensure adequate ventilation by using local exhaust. Mechanical ventilation is recommended for all indoor situations to control fugitive emissions.

Respiratory Protection: If ventilation is adequate and these powders are used as directed, no respiratory protection is indicated. If there is a chance that the dusts of these powders are inhaled, proper respiratory protection is necessary. Use NIOSH approved N95 respirators properly fitted to prevent any dust from entering the respiratory tract.

Skin Protection: Under recommended conditions of use, no skin protection is needed. If when handling these powders, any skin irritation occurs, use adequate skin protection to prevent further irritation.

Eye and Face Protection: Under recommended conditions of use, not eye protection is needed.

Footwear: No specific recommendation.

Other: Emergency eyes wash fountains should be available in vicinity of use.

Control of Environmental Exposure: Prevent further leakage or spillage, if safe to do so. Do not let product enter drains.

9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Powders, various colours
Odour: Odourless

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Odour Threshold:	Not available
pH:	3-7 (10% slurry)
Melting Point/Freezing Point:	Not applicable
Initial Boiling Point:	Not applicable
Flash Point:	Not applicable
Evaporation Rate:	Negligible
Flammability:	Not flammable
Upper Explosion Limit:	No data
Lower Explosion Limit:	No data
Vapour Pressure:	Not applicable
Vapour Density:	No data
Relative Density:	2.2-3.0 (ware=1)
Solubility:	Negligible in water
Partition Coefficient:	Not available
Autoignition Temperature:	No data
Decomposition Temperature:	No data
Viscosity:	Not applicable
Explosive Properties:	Not explosive
Oxidizing Properties:	No data

9.2 Other Safety Information

None

10 Stability and Reactivity

10.1 Reactivity

Stable and non-reactive.

10.2 Chemical Stability

Stable as supplied.

10.3 Possibility of Hazardous Reactions

None

10.4 Conditions to Avoid

Avoid dusting.

10.5 Incompatible Materials

None

10.6 Hazardous Decomposition Products

None known.

11 Toxicological Information

11.1 Information on Toxicological Effects

Note to reader: We do not test our products on animals. In compliance with current SDS preparation requirements, the values listed are published values for generic ingredients with known animal toxicity.

Acute Toxicity

Component	LD ₅₀	LC ₅₀
Synthetic Fluorophlogopite CAS No. 12003-38-2 EINECS No. 234-426-5	N/av	N/av
Mica – CI 77019	>16000 mg/kg (oral/rat)	N/av

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Titanium Dioxide – CI 77891 CAS No. 13463-67-7 EINECS No. 236-675-5	>25000 mg/kg (oral/rat) >3000 mg/kg (dermal/rabbit)	>6820 mg/m ³
Calcium Aluminum Borosilicate CAS No. 65977-17-3 EINECS No. 266-046-0	N/av	N/av
Silica CAS No. 7631-86-9 EINECS No. 231-545-4	>5000 mg/kg (oral/rat) >2000 mg/kg (dermal/rabbit)	N/av
Tin Oxide CAS No. 18282-10-10 EINECS No. 242-159-0	>20000 mg/kg (oral/rat)	N/av
Iron Oxide – CI 77491 CAS No. 1309-37-1 EINECS No. 215-168-2	>10000	N/av

Abbreviation Key: N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available.

11.2 Skin Corrosion/Irritation

None assigned

11.3 Serious Eye Damage/Eye Irritation

None assigned

11.4 Respiratory or Skin Sensitization

None assigned

11.5 Germ Cell Mutagenicity

No information available.

11.6 Carcinogenicity

Titanium dioxide is suspected of causing cancer by inhalation, H351, Category 2.

11.7 Reproductive Toxicology

None assigned

11.8 Specific Target Organ Toxicity – Single Exposure

None assigned

11.9 Specific Target Organ Toxicity – Repeated Exposure

None assigned

11.10 Aspiration Hazard

None assigned

11.11 Additional Information

None

12 Ecological Information

12.1 Toxicity

To Fish:

No data available

To Algae:

No data available

To Daphnia:

No data available

Gel Play Pearlescent Powders

- 12.2 Persistence and Degradability**
No data available
- 12.3 Bio accumulative Potential**
No data available
- 12.4 Mobility in Soil**
No data available
- 12.5 Results of PBT and vPvB Assessment**
Not conducted
- 12.6 Other Adverse Effects**
No data available

13 Disposal Considerations

- 13.1 Waste Treatment Methods**
Product: Review federal, provincial or state, and local government requirements prior to disposal. Store material for disposal as indicated in Storage Conditions. Disposal by controlled incineration or by secure land fill may be acceptable.
- Contaminated Packaging:** Dispose as above.

14 Transport Information

- Transport of Dangerous Goods (TDG and CLR):** Not regulated
- United States Department of Transport (49CFR):** Not regulated
- International Air Transport Association (IATA):** Not regulated
- International Maritime Organization (IMO):** Not regulated

15 Regulatory Information

- 15.1 CANADIAN FEDERAL REGULATIONS**
CEPA, DOMESTIC SUBSTANCES LIST: Listed
- 15.2 UNITED STATES FEDERAL REGULATIONS**
TOXIC SUBSTANCES CONTROL ACT (TSCA): All components are listed in the inventory.
- California Proposition 65:** This product contains a substance known to cause cancer: Titanium dioxide
- OSHA (29 CFR 1910 Subpart Z):** Meets criteria for a hazardous substance.
- CERCLA (40 CFR 302):** No ingredients listed.
- SARA 302 (40 CFR 355):** No ingredients listed.
- SARA 313 (40 CFR 372):** No ingredients listed.
- SARA 311/312 (40 CFR 370):** Delayed (Chronic) Health
- Massachusetts Right to Know:** Silica, Titanium dioxide

Gel Play Pearlescent Powders

New Jersey Right to Know: Titanium dioxide

Pennsylvania Right to Know: Silica, Titanium dioxide

16 Other Information

Original Preparation Date: April 12, 2022

Prepared By: Haigh Industries Inc.
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Disclaimer: This Safety Data Sheet (SDS) was prepared using information provided by ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Fifth Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product. Haigh Industries Inc. expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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Revisions: None